

SESSION : 1

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 5

CHAPTER NAME : OPERATIONS ON LARGER NUMBERS

SUBTOPIC : Addition of large numbers

Exercise - 5 A Q. No 1 and 2

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

Students will be able to add larger numbers with proper steps.

Addition of large numbers

Addition facts:

- The numbers being added are called addends.
- The answer of addition is called sum.
- The change in the order of the addends does not change their sum.

Ex- $3 + 10 = 10 + 3 = 13$

- If three or more numbers are added in different groups, their sum remains the same in all cases.

Ex- $(10 + 2) + 5 = 10 + (2 + 5)$

- The sum of any number and zero is the number itself.

Ex- $345 + 0 = 345$

- If we add 1 to a given number, then we can get the successor of the given number.

Addition of large numbers

Steps for addition:

- Arrange the numbers in each column (Ones under ones, tens under tens and so on)
- Add the digits in column. (Always start with ones)
- If any carry over is there take it to the next column and add it with the digits in that column.
- Continue till the last column

Example-

Add the following numbers and also write the number name of the answer.

3 65 68 418; 75 80 115; 10 24 37 000; 50 670

	(1)	(1)	(2)	(1)	(1)	(1)	(1)	
TC	Cr	TL	L	TTh	Th	H	T	O
	3	6	5	6	8	4	1	8
		7	5	8	0	1	1	5
1	0	2	4	3	7	0	0	0
+				5	0	6	7	0
	(1)	(4)	(6)	(6)	(3)	(6)	(2)	(0)
								(3)

Ans- 14 66 36 203

Name- Fourteen crore sixty six lakh thirty six thousand two hundred three

EXERCISE 5(A)

Add

$$\begin{array}{r} \text{a)} \quad \begin{array}{r} \boxed{1} \boxed{1} \quad \boxed{1} \boxed{1} \boxed{1} \\ 81\ 43\ 211 \\ 9\ 42\ 879 \\ + 45\ 11\ 377 \\ \hline 1\ 35\ 97\ 467 \\ \hline 1,35,97,467 \end{array} \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \begin{array}{r} \boxed{1} \boxed{1} \boxed{1} \boxed{2} \boxed{1} \boxed{1} \boxed{1} \\ 2\ 24\ 75\ 616 \\ 6\ 60\ 48\ 478 \\ + 75\ 16\ 250 \\ \hline 9\ 60\ 40\ 344 \\ \hline 9,60,40,344 \end{array} \end{array}$$

(c)

$$\begin{array}{r} 75\ 657 \\ 38\ 17\ 625 \\ 9\ 45\ 843 \\ + 24\ 000 \\ \hline 48\ 631\ 25 \end{array}$$

d)

$$\begin{array}{r} 17\ 40\ 75\ 614 \\ 25\ 72\ 33\ 117 \\ + 73\ 62\ 54\ 992 \\ \hline 116\ 756\ 3723 \end{array}$$

(e)

$$\begin{array}{r} 25\ 00\ 18\ 125 \\ 18\ 83\ 24\ 289 \\ + 8\ 19\ 28\ 333 \\ \hline 52\ 02\ 70\ 747 \end{array}$$

(f)

$$\begin{array}{r} 28\ 18\ 417 \\ 7\ 78\ 18\ 578 \\ + 20\ 08\ 37\ 800 \\ \hline 28\ 14\ 74\ 795 \end{array}$$

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Q.NO-2-a

Arrange the following numbers in columns and add

Answer.

28 18 417; 43 35 318; 16 14 408

TC	Cr	^① TL	L	^① TTh	^① Th	H	^② T	O
		2	8	1	8	4	1	7
		4	3	3	5	3	1	8
		1	6	1	4	4	0	8
+								
		^⑧	^⑦	^⑥	^⑧	^①	^④	^③

Ans- 87 68 143

Q.NO-2-b

Arrange the following numbers in columns and add

Answer.

6 82 175; 30 42 225; 2 13 08 842

		①	①	①	①	①	①	
TC	Cr	TL	L	TTh	Th	H	T	O
			6	8	2	1	7	5
		3	0	4	2	2	2	5
	2	1	3	0	8	8	4	2
+								
		②	⑤	①	③	②	④	②

Ans- 2,50,33,242

Q.NO-2-c

Arrange the following numbers in columns and add

Answer.

66 24 70 242; 7 78 18 478; 16 11 27 345

2	1	1	1	1	1	1	1	
TC	Cr	TL	L	TTh	Th	H	T	O
6	6	2	4	7	0	2	4	2
	7	7	8	1	8	4	7	8
1	6	1	1	2	7	3	4	5
+								
9	0	1	4	1	6	0	6	5

Ans- 90,14,16,065

LEARNING OUTCOME

:- Students will be able to add larger numbers with proper steps.

HOME WORK

Complete exercise - 5 A

Q. No 1, 2 and 3 in the notebook

THANKING YOU
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